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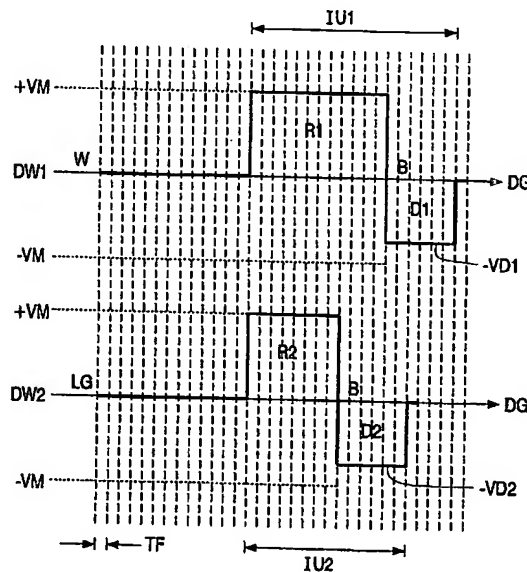
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(54) Title: DRIVING AN ELECTROPHORETIC DISPLAY



(57) Abstract: In a method of driving an electrophoretic display, during an image update period (IU_i) wherein the pixels (18) of the display are addressed to refresh an image displayed, a drive waveform (DW_i) is supplied (10,16) to an associated one of the pixels (18). The drive waveform (DW_i) comprises successively a first pulse (R_i, S_i) with a first voltage level (+VM, -VM) and a drive pulse (D_i) with second voltage level (VD_i). The drive pulse (D_i) has a variable voltage level to allow obtaining a desired intermediate optical state of the pixel (18) with a high accuracy. An absolute value of the second voltage level (VD_i) of the drive pulse (D_i) is smaller than an absolute value of the first voltage level (+VM, -VM) of the first pulse (R_i, S_i), to minimize the total image update time.

WO 2004/066257 A1